

CLAIMS:

I Claim:

1. An deflector for deflecting an air flow, comprising:  
a pair of mounting members; and

5 a guide member arranged between said mounting members and  
having an adjustable length to thereby enable a length between  
said mounting members to vary,

said guide member being pivotally connected to said mounting  
members to enable said guide member to be pivoted into a

10 plurality of different angular positions relative to said  
mounting members to thereby enable the air flow to be deflected  
into different directions depending on the angular position of  
said guide member.

2. The deflector of claim 1, wherein said guide member  
15 comprises a plurality of deflecting sections slidable laterally  
relative to one another to enable the length of said guide member  
to be adjustable.

3. The deflector of claim 2, wherein said deflecting  
sections include at least one outer deflecting section defining a  
20 channel and at least one inner deflecting section partially  
slidable in said channel of any adjoining ones of said at least  
one outer deflecting section.

4. The deflector of claim 3, wherein said guide member includes limiting means for limiting lateral movement of said deflecting sections relative to one another to thereby maintain said deflecting sections in engagement with one another.

5 5. The deflector of claim 4, wherein said limiting means comprise a pin formed on a surface of each of said at least one outer deflecting section and a groove formed on a surface of each of said at least one inner deflecting section and arranged to receive said pin of any adjoining ones of said at least one outer  
10 deflecting section.

6. The deflector of claim 2, wherein said deflecting sections include an outer end deflecting section defining a channel, an outer intermediate deflecting section defining a channel, an inner intermediate deflecting section partially  
15 slidable in said channels of said outer end deflecting section and said outer intermediate deflecting section, and an inner end deflecting section partially slidable in said channel of said outer intermediate deflecting section, said inner and outer end  
20 deflecting sections being connected to a respective one of said mounting members.

7. The deflector of claim 6, wherein said inner and outer

end deflection sections each include a substantially planar deflection portion and a flange extending perpendicular to said planar deflection portion, said flange being connected to said mounting members.

5           8.    The deflector of claim 1, further comprising positioning means for positioning said guide member in the different angular positions.

          9.    The deflector of claim 8, wherein said positioning means comprise a detent mechanism.

10           10.   The deflector of claim 8, wherein said positioning means comprise at least one flexible finger formed on said guide member opposite a surface of a respective one of said mounting members and having a protrusion thereon, said protrusions being urged into contact with said surface of said respective mounting  
15   member by said flexible finger.

          11.   The deflector of claim 10, wherein said positioning means further comprise indentations formed on said surface of said mounting members, said protrusions being urged into each of said indentations by said flexible finger at a respective,  
20   different pivoted position of said guide member relative to said

mounting members.

12. The deflector of claim 1, wherein said mounting members include attachment means for attaching said mounting members to an air register.

5        13. The deflector of claim 12, wherein said attachment means comprise magnets arranged in connection with said mounting members for attaching said mounting members to a metal vent frame of the air register.

10       14. The deflector of claim 12, wherein said attachment means comprise slots formed in said mounting members through which fasteners pass into engagement with the air register or into a substrate surrounding the air register.

15       15. The deflector of claim 1, wherein said mounting members are substantially L-shaped and include a horizontal portion adapted to be placed against an air register and a vertical portion extending substantially perpendicular to said horizontal portion, said guide member being rotatably mounted to said vertical portions of said mounting members.

16. The deflector of claim 1, further comprising mounting

means for pivotally mounting said guide member to said mounting members.

17. The deflector of claim 16, wherein said mounting means comprise a pivot pin attached to each of said mounting members and engaging with said guide member, said pivot pins defining a pivot axis about which said guide member pivots relative to said mounting members.

18. The deflector of claim 17, wherein said guide member includes flanges on opposite sides adjacent said mounting members, each of said pivot pins being arranged to pass through an aperture in a respective one of said flanges.